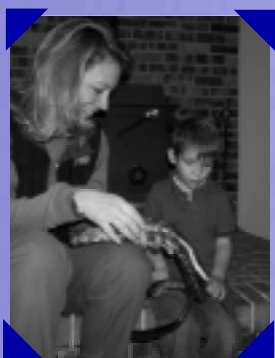


Burr Oak Woods Conservation Nature Center
2002 - 2003



Interpretive Programs



**‘Enrich a Child’s Imagination
Through Nature at Burr Oak Woods!’**

RESERVATION GUIDELINES

Nature Center Programs and self-guided visits can be arranged as follows:

1. Book a program at least 2 weeks in advance.
2. Call (816) 228-3766 ext. 222 to arrange your program.
3. Reservations are taken on a first-come basis.
4. After your reservation has been made, a confirmation letter and a teacher's program prep packet will be mailed to you.
5. All programs are 1 hour in length without a hike, unless otherwise indicated.
6. An optional half hour hike may be added to any 1 hour program to reinforce the topic and for an outdoor experience.

PRESCHOOL

These programs are a half hour in length.

Four Seasons
Nature's Kaleidoscope
Animal Senses
Winter Friends
Do The Locomotion

KINDERGARTEN

ANIMAL HABITATS

During this interactive program, students will learn what makes a habitat and why all animals need habitats to survive.

C: CA5, CA6, SC3, SC4, SC8 P: 1.5-6, 2.3, 3.6, 4.3

NATURE'S HIDE & SEEK

Although many of us like to play hide and seek, in nature, it's a matter of survival. To hide from their predators, animals try to camouflage themselves. Learn how color, shape, and size help wildlife blend into their surroundings. Weather permitting.

C: CA6, SC3, 4, 8 P: 1.6, 2.3, 4.2, 4.3

HOW DO ANIMALS COMMUNICATE?

Animals can't talk like you and me, so how do they communicate with each other? Students will learn how different animals use different methods to warn each other of danger, find a mate, or give directions.

C: SC3, SC4, CA5, CA6 P: 1.1, 1.2, 1.3, 1.5

FIRST & SECOND GRADE

WILD SENSES

The very survival of a wild animal depends on the use of its senses. They use their sight, hearing, taste, smell and touch very differently than people do. Come use your eyes, ears, and nose to learn more.

C: SC3, SC4, CA5, CA6, HP1 P: 1.2, 1.3, 2.3, 4.6

RAPTOR ROUND UP

Watch as we dress one of the students up as an eagle. During the transformation, students learn the special adaptations that set birds of prey apart from other animals. Students will learn about some of Missouri's raptors, and watch a short video on the amazing bald eagle.

C: SC3, 4, 8, SS5, CA5, CA6 P: 1.1-3, 1.5, 1.7, 2.3-4, 3.1, 3.4, 3.6

WHAT'S FOR DINNER?

Nature at times can seem cruel and harsh! Why does a bobcat have to eat a rabbit? Why do owls have to eat mice, or even skunks! In this program, students will learn, through interactive participation, why animals require different foods for survival and how food chains work in an ecosystem.

C: CA6, SC 3, 4, 8 P: 1.6, 2.3, 3.1, 3.6, 4.1-3

MISSOURI'S CREEPIEST RESIDENTS

I don't like spiders, snakes, bats, vultures or cockroaches... This program will take a look at some of Missouri's most despised and misunderstood creatures. Although some of them could be harmful to people, they do not seek us out. On the contrary they are more afraid of us than we are of them. Most of them are harmless, and many are actually beneficial to us. Let's look a little closer at Missouri's Creepiest Residents.

C: CA6, SC3, SC4 P: 2.3, 3.5

ALL PROGRAMS ADHERE TO THE MISSOURI SHOW-ME STATE STANDARDS

THIRD & FOURTH GRADE

FOREST, PLANTS & YOU!

From building homes to bubble gum, forests have always played an important role in the lives of Missouri's citizens. Working in teams, students will learn what makes a forest, the wildlife found there, and how they use the forest in their everyday lives.

C: SC1, SC3-4, SC8, SS5 P: 1.6, 2.3, 4.1, 4.3

WHAT'S THE POOP?

Students will become wildlife biologists and discover how to identify an animal by its droppings. Students work in teams to gather facts and share information on Missouri animals' identification, diet, and habitats. This program is 1.5 hours and includes a hike.

C: SC3, SC4, SC8, HP2 P: 1.1-7, 2.3, 3.1, 3.6, 4.1, 4.8

GET YOUR FEET WET

Your students will be intrigued as we explore the wonder of streams. Streams provide important habitat, and are a source of water for fish, wildlife and for you and me. This program will examine the water cycle, water pollution and the importance of water conservation through hands-on activities. Just jump right in!

C: CA6, SC3, SC4, SS2 P: 1.6, 1.10, 2.3, 3.1, 4, 6, 4.1-3, 4.6-7

STATE OF EXCITEMENT

Students will participate in a 'Jeopardy' type game to learn about Missouri's state symbols and the history of the fish, forests, and wildlife of this great state!

C: CA6, SC4, 8, SS2, 5-7 P: 1.1-2, 5, 7, 10, 2.3, 3.5, 4.1-2, 6, 8

THE AMERICAN FRONTIER

In this program, students will discover the fascinating world of Missouri's prairies. We'll take your class on a journey learning about the wildlife, plants, and people of the beautiful grasslands. Learn about the Native Americans who lived there, their lifestyle and entertainment. See how the American bison influenced the way of life and landscape. Understand how it all changed with the migration of settlers. This is one program you won't want to miss! This program is 1.5 hours and includes a hike.

C: SC3,4,8, SS2, SS6 P: 1.6, 2.3, 3.1, 3.6, 3.8, 4.2, 4.3

FIFTH GRADE & UP

YOU BE THE JUDGE

Students will become active participants in a public hearing involving a controversial issue that could directly impact their life. Teamwork, debate, and problem solving will be stressed. What decision will your class make?

C: CA5-6, SC3-4, SC8 P: 1.1.2, 5, 7, 10, 2.1-4, 3.1-3, 3.5-7, 4.1

PRE-HISTORY MYSTERIES

What was wildlife like in Missouri 250 million years ago? Who were the giant mammals that roamed in Blue Springs during the Ice Age? Come out and be a guest on the Pre-History Mystery Game Show as we discover a very different Missouri than we know today.

C: CA6, SC3, SC4, SC8 P: 1.5, 1.6, 1.10, 2.3

MISSOURI'S SNAKES

Let's learn about the facts and mysteries surrounding this unusual group of Missouri residents. How can they move so quickly? How can you tell the difference between venomous and non-venomous snakes? The use of live snakes during this program for a closer look and an opportunity to touch, will keep the students talking about reptiles long after you leave Burr Oak Woods!

C: CA:5-6, HP2, 4, 7, SC2-8 P: 1.3-5, 2.3-4, 3.1-4, 4.1-4, 4.7-8

SEASONAL PROGRAMS THIRD GRADE & UP

These programs are seasonal with an outdoor activity.

INSECT-A-MANIA

(May - October)

Students will learn the characteristics of insects and their benefits to plants, animals, and people. While in the prairie, students will get a chance to use sweep nets to collect and observe insects.

C: CA6, MA2, SC3-4, SC7-8

P: 1.1-3, 1.5-7, 2.3-4, 3.1, 5, 4.1, 4.6-8

TREE ID

(May - October)

How can you tell one tree from another? Students will learn how to tell an oak from a hickory, a dogwood, or an ash. Students will create their own tree key on a forested trail to help them identify trees. This program is 1.5 hours and includes a hike.

C: SC3, SC4, SC5, SC8

P: 1.1-6, 1.8, 2.3

BIRD WATCHERS

(March - November)

What's that bird? Students will learn about some of the common birds in Missouri and how to identify them using field marks, a field guide and binoculars. Then we will take a hike and see how many birds we can identify! This program is 1.5 hours and includes a hike.

C: SC3, SC4, SC8, CA5, CA6

P: 1.1, 1.3 1.4, 1.5, 1.6, 1.7

GENERAL INFORMATION

Burr Oak Woods Conservation Nature Center's Interpretive programs offered relate to Missouri's fish, forests, and wildlife. Programs are conducted by an experienced naturalist and provide an alternative learning experience. Each program is grade-level targeted and state standards curriculum-coordinated. Special education programs are available upon request.

WHAT TO EXPECT

Burr Oak Woods Conservation Nature Center is owned by the Missouri Department of Conservation. The 15,000 square foot nature center is nestled in the heart of a 1071 acre state forest. Five hiking trails provide easy access to most parts of the area. At the nature center you will find educational and informative exhibits, including a 3,000 gallon freshwater aquarium, wildlife viewing area, clues area, tree exhibit and more! All animals in the nature center are native to Missouri.

NATURE CENTER EXHIBITS

We ask that you divide your students into groups of 10 or less with an adult. An exhibit guide booklet (in English or Spanish) is available for each group at the front desk.

LUNCH FACILITIES

Burr Oak Woods has two picnic areas and there is a City Park outside the front gate. All have a take in/take out policy for trash and are on a first come basis.

THE ACORN CACHE

The nature center shop is open from 8:00 a.m. - 4:30 p.m. If your group plans to stop at the nature shop, please do so at the end of your scheduled visit. Adult supervision is required. Items for children range in price from \$.50 to \$5.00 plus tax.

BEFORE THE TRIP

Before your trip to Burr Oak Woods Conservation Nature Center, share this information with all teachers and adult leaders who will attend. Explain the rules to the children in advance, so they know what to expect. Remind children to dress appropriately for the weather.

JUST A FEW RULES

- A minimum of one adult per ten children is required.
- Arrive 15 minutes before your scheduled program. The quality and length of your program will be reduced if you are late or your program may be cancelled.
- Please call immediately if you need to cancel.
- Behavior of children should be enforced by teachers and adult leaders at all times. Be considerate of others using the area and facilities.
- Students should wear name tags.
- No picking or collecting of plants or flowers is allowed. Students must remain on trails at all times.

MORE THAN JUST NAMES

Don't worry if you don't know the names of everything. Names are just labels. Instead, observe colors, textures, shapes, or ask the students what they might name something. Encourage quiet time to listen, watch, smell, touch, and notice detail. Take clues from their questions and discoveries, and expand their interest by teaching along their path of curiosity. Some children are not used to watching nature close up and benefit from being led. The learning doesn't have to stop when your visit is over. Additional class discussions or projects will help build upon their observations and experiences.



Missouri Department of Conservation
Burr Oak Woods Conservation Nature Center
1401 NW Park Road - Blue Springs, MO 64015

PRSRT STD.
U.S. POSTAGE PAID
MO DEPT OF CONSERVATION

Burr Oak Woods
Conservation
Nature Center
is located one mile
north of I-70 on
Hwy 7, one mile
west on Park Road.
The Nature Center
is open Monday
through Saturday 8
a.m. to 5 p.m. and
12 p.m. to 5 p.m. on
Sundays. No pets
allowed. No
Admission charged.

